

TITLE 410 INDIANA STATE DEPARTMENT OF HEALTH

Final Rule LSA Document #07-490(F)

DIGEST

Adds 410 IAC 6-14 to protect the health, safety, and welfare of persons living in railroad mobile camps, including provisions relating to sanitary conditions, light, air, safety and protection from fire hazards, equipment, maintenance, and operations of the camp, sewage disposal through septic tank absorption fields, and other matters appropriate for the security of the life and health of occupants. Effective 30 days after filing with the Publisher.

IC 4-22-2.1-5 Statement Concerning Rules Affecting Small Businesses

410 IAC 6-14

SECTION 1. 410 IAC 6-14 IS ADDED TO READ AS FOLLOWS:

Rule 14. Railroad Mobile Camps

410 IAC 6-14-1 "Camp car" defined

Authority: IC 16-19-3-4.4

Affected: IC 8-9-10; IC 16-19-3

Sec. 1. As used in this rule, "camp car" means a railroad car in a mobile camp that is inhabited by railroad maintenance of way employees, or contract employees, for the normal activities of daily living. (*Indiana State Department of Health; 410 IAC 6-14-1*)

410 IAC 6-14-2 "Department" defined

Authority: IC 16-19-3-4.4

Affected: IC 16-19-3

Sec. 2. As used in this rule, "department" means the means the Indiana state department of health. (*Indiana State Department of Health; 410 IAC 6-14-2*)

410 IAC 6-14-3 "Easily cleanable" defined

Authority: IC 16-19-3-4.4

Affected: IC 16-19-3

Sec. 3. As used in this rule, "easily cleanable" means:

(1) readily accessible;

(2) impervious; and

(3) with exposed surfaces that are sufficiently smooth that residue can be effectively removed using normal cleaning methods.

(*Indiana State Department of Health; 410 IAC 6-14-3*)

410 IAC 6-14-4 "Food grade" defined

Authority: IC 16-19-3-4.4

Affected: IC 16-19-3

Sec. 4. As used in this rule, "food grade" means constructed of materials that are as follows:

(1) Smooth.

(2) Nontoxic.

(3) Nonabsorbent.

- (4) Easily cleanable.
- (5) Easily sanitized.
- (6) Heat-resistant.
- (7) Corrosion-resistant.
- (8) Impact-resistant.
- (9) Abrasion-resistant.

(Indiana State Department of Health; 410 IAC 6-14-4)

410 IAC 6-14-5 "Health officer" defined

Authority: IC 16-19-3-4.4

Affected: IC 16-19-3

Sec. 5. As used in this rule, "health officer" means:

- (1) the health officer of a local health department; or
- (2) his or her authorized representative.

(Indiana State Department of Health; 410 IAC 6-14-5)

410 IAC 6-14-6 "Mobile camp" defined

Authority: IC 16-19-3-4.4

Affected: IC 8-9-10-1; IC 16-19-3

Sec. 6. As used in this rule, "mobile camp" has the meaning set forth in IC 8-9-10-1(a). *(Indiana State Department of Health; 410 IAC 6-14-6)*

410 IAC 6-14-7 "Refuse" defined

Authority: IC 16-19-3-4.4

Affected: IC 16-19-3

Sec. 7. As used in this rule, "refuse" means all solid wastes, including:

- (1) garbage;
- (2) rubbish; and
- (3) ashes;

but excluding body wastes. *(Indiana State Department of Health; 410 IAC 6-14-7)*

410 IAC 6-14-8 "Sewage" defined

Authority: IC 16-19-3-4.4

Affected: IC 16-19-3

Sec. 8. As used in this rule, "sewage" means all:

- (1) body waste; and
- (2) water-carried waste derived from ordinary living processes.

(Indiana State Department of Health; 410 IAC 6-14-8)

410 IAC 6-14-9 "Toilet" defined

Authority: IC 16-19-3-4.4

Affected: IC 16-19-3

Sec. 9. As used in this rule, "toilet" means a device provided for individual convenience in the sanitary disposal of body wastes. *(Indiana State Department of Health; 410 IAC 6-14-9)*

410 IAC 6-14-10 Administration; required notifications; fees

Authority: IC 16-19-3-4.4

Affected: IC 8-9-10; IC 16-19-3; IC 16-20-1-2; IC 16-20-1-19; IC 16-22-8-6; IC 16-22-8-34

Sec. 10. (a) This rule shall be enforced by local health officers under:

- (1) IC 16-20-1-19; and
- (2) IC 16-22-8-34(a)(22).

(b) A railroad company that houses maintenance of way employees in a mobile camp shall:

(1) not later than two (2) business days after its employees arrive at a location, notify the local health department with jurisdiction in the area in which the mobile camp is located of the existence of the mobile camp; and

(2) request and permit inspection by an authorized representative of the local health department to ensure that the conditions of the camp cars are:

- (A) safe;
- (B) sanitary;
- (C) healthful; and
- (D) in compliance with this rule.

(c) An inspection fee necessary to cover all the expenses incurred in the process of conducting inspections of a mobile camp shall be paid by the railroad company operating the mobile camp. The inspection fee shall be paid to the:

- (1) local health department under IC 16-20-1-2; or
- (2) municipal corporation under IC 16-22-8-6;

before initiation of the inspection

(d) The mobile camp owner or operator shall immediately notify the local health officer of any suspected communicable or contagious disease within the mobile camp. (*Indiana State Department of Health; 410 IAC 6-14-10*)

410 IAC 6-14-11 Mobile camp sites

Authority: IC 16-19-3-4.4

Affected: IC 8-9-10; IC 16-19-3

Sec. 11. (a) Mobile camps shall be located:

- (1) on well-drained sites;
- (2) in areas free from flooding or ponded water; and
- (3) in areas free of any other conditions that will cause or contribute to a health hazard.

(b) Every camp car in a mobile camp used for sleeping shall:

- (1) be equipped with lavatories and body washing facilities; and
- (2) have a:

- (A) potable water supply; and
- (B) means of sewage or excreta collection and disposal;

that comply with this rule.

(c) Camp cars shall be located such that their floors are reasonably level. (*Indiana State Department of Health; 410 IAC 6-14-11*)

410 IAC 6-14-12 Physical facilities

Authority: IC 16-19-3-4.4

Affected: IC 8-9-10; IC 16-19-3

Sec. 12. (a) Camp cars shall be structurally sound, maintained in a clean, safe, and sanitary condition, and in good repair. In addition, camp car:

- (1) exterior walls must be free of cracks and holes;
- (2) interior walls must have easily cleanable, smooth, hard surfaces;
- (3) floors and floor coverings must be easily cleanable;
- (4) exterior doors, and any operable windows, shall be fly-proof and tight-fitting;
- (5) doors must have latches or doorknobs; and
- (6) ceilings must be a minimum of seven (7) feet from the floor.

(b) Adequate arrangements for storing of clothing and personal effects for each occupant shall be provided.

(c) Each habitable room of a camp car shall have at least one (1) window or skylight opening directly outdoors.

The:

(1) aggregate glazed area of each habitable room's openings must be at least ten percent (10%) of the room's useable floor area; and

(2) total openable area shall be at least forty-five percent (45%) of the minimum required glazed area.

Windows and skylights shall fit tightly in their frames, and the operable portion must open easily and be fitted with a latching mechanism.

(d) Every camp car occupied between June 1 and September 30 must be provided with an air-conditioning system capable of maintaining a temperature of seventy-eight (78) degrees Fahrenheit or less.

(e) Camp car ventilation shall be sufficient to:

(1) provide adequate oxygen; and

(2) remove exhaled air and undesirable odors during periods of occupancy.

Every camp car must be provided with a mechanical ventilation capable of replacing the air at least six (6) times per hour. Any rooms or other area of a camp car where toxic gases or odors are produced shall be mechanically exhausted to the outside.

(f) An operating mechanical exhaust device is required in rooms that have toilet and body washing facilities, capable of replacing the air in the facility at least six (6) times per hour.

(g) Any camp car that is occupied between October 1 and May 30 shall have operable heating equipment of capacity adequate to maintain a temperature of at least sixty-eight (68) degrees Fahrenheit in each habitable room. A heating device provided for cooking does not satisfy this requirement.

(h) No portable heaters other than those operated by electricity may be utilized or provided. Unvented kerosene heaters and catalytic type heaters are prohibited.

(i) At least twenty (20) foot-candles of light must be provided throughout all habitable rooms of a camp car.

(j) Toilet and body washing facilities shall be:

(1) screened;

(2) partitioned; or

(3) otherwise configured;

to prevent viewing of the interior when the entrance door is open.

(k) Entrances to rooms that have toilet or bathing facilities shall be fitted with self-closing doors.

(l) Restrooms shall be equipped with lavatories or other hand washing facilities, or such equipment shall be installed in an adjacent room through which the users must pass upon egress from the restroom.

(m) An adequate supply of soap and individual sanitary towels in dispensers, or other approved hand drying devices, shall be provided convenient to all hand washing facilities. Common towels are not acceptable. If individual sanitary towels are provided, a suitable container for used towels shall also be provided.

(n) An adequate supply of water, under pressure, shall be provided at all hand washing facilities.

(o) The following shall be kept clean and in good repair:

(1) Lavatories.

(2) Soap dispensers.

(3) Hand drying devices.

- (4) Toilets.
- (5) Body washing facilities.
- (6) All related fixtures.

(p) Body washing facilities shall be supplied with hot and cold water, under pressure. Hot water provided for body washing facilities shall be maintained at or between one hundred five (105) degrees Fahrenheit and one hundred twenty (120) degrees Fahrenheit. An automatic temperature control device, approved by the department, shall be provided to automatically control the temperature of hot water supplied to body washing facilities so that it cannot exceed one hundred twenty (120) degrees Fahrenheit. Either mixing type faucets or automatic mixing devices shall be utilized to control the mix of hot and cold water supplied to each body washing facility.

- (q) Toilets shall:
 - (1) have open front seats;
 - (2) be made of impervious material;
 - (3) be partitioned as necessary to provide individual stalls.

Stall partitions shall extend to a height of not less than five and one-half (5 1/2) feet from the floor, and the bottom shall be not more than one (1) foot above the floor. Stall partitions shall be of smooth surface, impervious, easily cleanable material. Wood surfaces are not acceptable.

(r) An adequate supply of toilet paper shall be provided in a dispenser at each toilet.

(s) Covered disposal facilities shall be provided in those restrooms provided for use by female employees.

(t) Based upon the number of employees served, toilets, urinals, hand washing, and body washing facilities shall be provided as follows:

Number of Employees	Body Washing Facilities	Lavatories	Toilets	Urinals*
1-10	1	2	1	1
11-25	2	3	2	1
26-49	4	5	3	2
50-74	6	6	4	2
75-100	8	7	5	3
Over 100	**	***	****	*****

*A toilet may be substituted for a urinal.

**Two (2) additional body washing facilities for each twenty-five (25) employees, or fraction thereof.

***Two (2) additional lavatories for each twenty-five (25) employees, or fraction thereof.

****One (1) additional toilet for each twenty-five (25) employees, or fraction thereof.

*****One (1) additional urinal for each fifty (50) employees, or fraction thereof.

(Indiana State Department of Health; 410 IAC 6-14-12)

410 IAC 6-14-13 Cooking facilities

Authority: IC 16-19-3-4.4

Affected: IC 8-9-10; IC 16-19-3; IC 16-42

Sec. 13. Mobile camps, and the camp cars therein, shall comply with IC 16-42-1, IC 16-42-2, IC 16-42-5, and 410 IAC 7-24, where applicable. (Indiana State Department of Health; 410 IAC 6-14-13)

410 IAC 6-14-14 Sleeping facilities

Authority: IC 16-19-3-4.4

Affected: IC 8-9-10; IC 16-19-3

Sec. 14. (a) At least fifty (50) square feet of floor space per occupant must be provided in rooms used for sleeping. There shall be not more than four (4) persons housed in a camp car at one (1) time.

(b) If bedding is provided by the mobile camp owner or operator, it shall be clean and washed before use by a new occupant.

(c) Foam bed mattresses shall be provided with easily cleanable mattress covers.

(d) Beds shall be arranged so:

(1) the heads of the sleepers are at least six (6) feet apart; and

(2) there are at least thirty (30) inches between the sides of the beds.

(e) Vertical separation between the top of the lower mattress of a double-deck bunk and the upper bunk shall be a minimum of twenty-seven (27) inches. The vertical separation between the top of the upper mattress and the ceiling shall be a minimum of thirty-six (36) inches.

(f) Triple-deck and quadruple-deck bunk beds are prohibited.

(g) Each camp car used for sleeping at a mobile camp must be equipped with a functioning weather radio that meets standard CEA-2009, "Receiver Performance Specification for Public Alert Receivers", with the following features:

(1) Tone alarm activation.

(2) Specific alert message encoding or similar technology.

(Indiana State Department of Health; 410 IAC 6-14-14)

410 IAC 6-14-15 Potable water supply

Authority: IC 16-19-3-4.4

Affected: IC 8-9-10; IC 16-19-3

Sec. 15. (a) Potable water shall always be available for culinary and drinking purposes.

(b) A source of drinking water shall be located in, or within two hundred (200) feet of, each camp car. An adequate supply of potable bottled water will meet this requirement.

(c) There shall be no direct physical connection between:

(1) a mobile camp water supply; and

(2) any source of pollution through which the camp water supply might become contaminated.

(d) If single-use drinking cups are provided, an adequate supply shall be maintained at each potable water dispenser.

(e) Common drinking cups are not permitted.

(f) Drinking water facilities shall be:

(1) constructed of impervious, easily cleanable materials; and

(2) kept clean and in a good state of repair.

(g) Devices shall be installed to protect against backflow and back-siphonage at all fixtures and equipment where an air gap at least twice the diameter of the water supply inlet is not provided between the water supply inlet and the fixture's flood level rim. A hose shall not be attached to a faucet unless a backflow prevention device is installed.
(Indiana State Department of Health; 410 IAC 6-14-15)

410 IAC 6-14-16 Nonpotable water supply

Authority: IC 16-19-3-4.4

Affected: IC 8-9-10; IC 16-19-3

Sec. 16. (a) The water supply and distribution system must be capable of maintaining water pressure at not less

than twenty (20) pounds per square inch (psi) during periods of peak water demand. The water supply shall have capacity to meet total daily water demands.

(b) There shall be no direct physical connection between:

- (1) a mobile camp water supply; and
- (2) any source of pollution through which the camp water supply might become contaminated.

(c) Water supply facilities shall be:

- (1) constructed of impervious, easily cleanable materials; and
- (2) kept clean and in a good state of repair.

(d) Devices shall be installed to protect against backflow and back-siphonage at all fixtures and equipment where an air gap at least twice the diameter of the water supply inlet is not provided between the water supply inlet and the fixture's flood level rim. A hose shall not be attached to a faucet unless a backflow prevention device is installed.

(e) Hoses used to fill water tanks shall be:

- (1) constructed of food grade materials; and
- (2) capped at both ends when not in use.

(Indiana State Department of Health; 410 IAC 6-14-16)

410 IAC 6-14-17 Sewage and excreta disposal

Authority: IC 16-19-3-4.4

Affected: IC 8-9-10; IC 13-18-12; IC 16-19-3

Sec. 17. (a) Toilet facilities, after December 31, 2009, shall be located pursuant to IC 8-9-10-1.

(b) No person shall:

- (1) throw;
- (2) run;
- (3) drain;
- (4) seep; or
- (5) otherwise dispose;

into any of the surface waters or ground waters of this state, or cause, permit, or suffer to be thrown, run, drained, allowed to seep, or otherwise disposed into such waters, any organic or inorganic matter that would cause or contribute to a health hazard or water pollution.

(c) All sewage or excreta generated, including gray water, shall be disposed of:

- (1) via a public sewer; or
- (2) by a wastewater management business licensed under IC 13-18-12.

(d) Sewage and excreta holding tanks must be pumped before the accumulated waste exceeds ninety percent (90%) of the tank's liquid holding capacity. *(Indiana State Department of Health; 410 IAC 6-14-17)*

410 IAC 6-14-18 Refuse disposal

Authority: IC 16-19-3-4.4

Affected: IC 8-9-10; IC 16-19-3

Sec. 18. (a) Refuse shall be stored in covered, fly-tight, watertight containers. Refuse can liners (also known as trash bags) constructed of plastic, paper, or similar material may not be stored outside a camp car.

(b) All refuse containers must be kept in a sanitary condition.

(c) Mobile camps and the camp cars shall be kept clean and free of litter.

(d) Refuse shall be collected, stored, and disposed of in such a manner that it will not create:

- (1) fly breeding;
- (2) rodent harborage;
- (3) an odor or smoke nuisance; or
- (4) a health, fire, or safety hazard.

(e) Refuse shall not be burned except at an approved disposal site. *(Indiana State Department of Health; 410 IAC 6-14-18)*

410 IAC 6-14-19 Electrical facilities

Authority: IC 16-19-3-4.4

Affected: IC 8-9-10; IC 16-19-3

Sec. 19. (a) All camp car electrical:

- (1) wiring;
- (2) switches; and
- (3) lighting fixtures;

shall be installed and maintained in a safe condition.

(b) Electrical receptacles shall have wiring and circuit breakers or fuses sized to conform to the amperage of the receptacle they supply.

(c) When located in wet places or outside a camp car, the following shall be weatherproof:

- (1) Electrical switches.
- (2) Circuit breakers.
- (3) Receptacles.
- (4) Control equipment.
- (5) Metering devices.

(d) Electrical receptacles shall:

- (1) be grounded; and
- (2) not have an open neutral, open hot conductor, or reverse polarity.

(e) Splices in electrical wires in accessible locations shall be made using approved junction boxes.

(f) All light fixtures shall be covered or shielded to protect against injury resulting from bulb breakage.

(g) All electrical receptacles and switches shall be shielded to prevent electric shock.

(h) Unshielded bare electrical wires:

- (1) are prohibited; and
- (2) shall be wrapped or otherwise covered to prevent electric shock.

(i) All restrooms and shower/locker room electrical receptacles provided for connection of personal grooming equipment shall be protected by ground fault circuit interrupters to prevent electric shock. *(Indiana State Department of Health; 410 IAC 6-14-19)*

410 IAC 6-14-20 Gas facilities

Authority: IC 16-19-3-4.4

Affected: IC 8-9-10; IC 16-19-3

Sec. 20. (a) When gas is used, a properly installed system of gas lines and appurtenances that provides gas service adequate for safe operation of appliances and equipment shall be provided.

(b) All gas outlet risers, regulators, meters, valves or other exposed equipment shall be protected by proper location or other means from mechanical damage by vehicles or other causes. *(Indiana State Department of Health; 410 IAC 6-14-20)*

410 IAC 6-14-21 Fire protection and safety

Authority: IC 16-19-3-4.4

Affected: IC 8-9-10; IC 16-19-3

Sec. 21. (a) Each camp car shall be equipped with a minimum of one (1) 4-A, 60-B:C, ten (10) pound, multipurpose, dry chemical, pressure fire extinguisher that is readily accessible and maintained in an operable condition.

(b) Camp car hallways and exits from camp cars must be maintained free of obstructions.

(c) Each camp car used for sleeping shall be equipped with a UL listed smoke detector that is kept clean and tested monthly.

(d) A first aid kit that meets the requirements of American National Standards Institute standard Z308.1-2003 shall be available at each mobile camp. *(Indiana State Department of Health; 410 IAC 6-14-21)*

410 IAC 6-14-22 Special hazards

Authority: IC 16-19-3-4.4

Affected: IC 8-9-10; IC 16-19-3

Sec. 22. (a) No condition shall be created in any camp car that is not conducive to health and safety.

(b) Camp cars shall be kept free of insect and rodent infestations.

(c) Neither employees nor visitors may use tobacco in any form in a camp car.

(d) No:

(1) flammable;

(2) explosive;

(3) toxic;

(4) volatile;

(5) acidic;

(6) caustic;

(7) radioactive; or

(8) otherwise hazardous;

liquid, gas, or chemical shall be used or stored in a camp car except small quantities needed for car maintenance, cleaning, sanitizing, or control of insects or rodents. Such materials shall be used and stored in full compliance with the manufacturer's recommendations as shown on the container label. Additionally, such materials shall be stored in cabinets or in similarly enclosed devices used for no other purpose.

(e) Poisonous or toxic materials shall not be used in a way that contaminates:

(1) food;

(2) food service equipment; or

(3) food utensils.

(Indiana State Department of Health; 410 IAC 6-14-22)

410 IAC 6-14-23 Departure

Authority: IC 16-19-3-4.4

Affected: IC 8-9-10; IC 16-19-3

Sec. 23. Excepting new construction or installations, after departure the property upon which a mobile camp existed shall be restored to its original condition before the arrival of the mobile camp. *(Indiana State Department of*

Health; 410 IAC 6-14-23)

410 IAC 6-14-24 Mobile camp inspections

Authority: IC 16-19-3-4.4

Affected: IC 8-9-10; IC 16-19-3; IC 16-22-8-6

Sec. 24. (a) The department, the local health officer, or a municipal corporation under IC 16-22-8-6 may enter a mobile camp or a camp car therein, at reasonable times and upon presentation of credentials, to do any of the following:

- (1) Inspect facilities, equipment, or records.
- (2) Investigate allegations, conduct tests, collect samples, or take photographs.
- (3) Obtain information necessary to the issuance of a permit under this rule.
- (4) Determine whether any person is subject to, or in violation of, this rule or a permit issued under this rule.

(b) The local health officer or a municipal corporation under IC 16-22-8-6 may conduct either:

- (1) independent inspections of a mobile camp without the presence of a railroad company or union representative; or
- (2) joint inspections of a mobile camp with the presence of a railroad company and a union representative of each craft of employees working for the railroad company.

(c) A local health department shall submit a copy of its completed report of inspection for a railroad mobile camp to the railroad company.

(Indiana State Department of Health; 410 IAC 6-14-24)

410 IAC 6-14-25 Incorporation by reference

Authority: IC 16-19-3-4.4

Affected: IC 8-9-10; IC 16-19-3

Sec. 25. The following are hereby incorporated by reference as a part of this rule:

- (1) Standard CEA-2009, "Receiver Performance Specification for Public Alert Receivers", published by the Consumer Electronics Association. Two (2) copies of these standards are available for reference at the department. Copies may be obtained from the Consumer Electronics Association, 1919 South Eads Street, Arlington, VA 22202.
- (2) Standard Z308.1-2003, "Minimum Requirements for Workplace First Aid Kits", published by the American National Standards Institute. Two (2) copies of these standards are available for reference at the department. Copies may be obtained from the International Safety Equipment Association, 1901 North Moore Street, Suite 808, Arlington, VA 22209.

(Indiana State Department of Health; 410 IAC 6-14-25)